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4

Application Number	10/782,044
Filing Date	February 19, 2004
First Named Inventor	Erik R. Altman et al.
Art Unit	2186
Examiner Name	Behzad Peikari
Attorney Docket Number	AUS920000796US3

ENCLOSURES (Check all that apply)

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<input type="checkbox"/> Remarks Response to Restriction Requirement		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Winstead Sechrest & Minick P.C.		
Signature			
Printed name	Kelly K. Kordzik		
Date	October 25, 2004	Reg. No.	36,571

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

- 1 -

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	:	Group Art Unit:
Erik R. Altman et al.	:	2186
	:	
Serial No.: 10/782,044	:	Examiner: Behzad Peikari
	:	
Filed: February 19, 2004	:	
	:	IBM Corporation
Title: SYMMETRIC MULTI-PROCESSING	:	Intellectual Property Law Dept.
SYSTEM	:	11400 Burnet Road
	:	Austin, Texas 78758

RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:


In response to the Office Action having a mailing date of October 6, 2004 (Paper No. 5), with a one-month shortened statutory period for response set to expire on November 5, 2004, the Applicants hereby respond as follows:

The Examiner has required a restriction to one of the following inventions:

I. Claims 1-14, drawn to a shared memory and method for utilizing shared memory by a plurality of processors, classified in class 711, subclass 147.

CERTIFICATION UNDER 37 C.F.R. § 1.8

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Signature

Serena Beller

(Printed name of person certifying)

II. Claims 15-22, drawn to a method for maintaining translation lookaside buffer consistency, including the specifics of invalidating a copy of a page table entry, broadcasting a TLB invalidated entry instruction, determining whether to invalidate entries in local TLBs and issuing a synchronization instruction to the plurality of processing units classified in class 711, subclass 207.

The Restriction Requirement is submitted to be improper as Applicants have filed a preliminary amendment, with a mailing date of February 19, 2004, in which claims 1-22 were cancelled and claims 23-33 were added. Hence, claim 23-33 are pending and not claims 1-22 as asserted by the Examiner. Thus, the restriction involving claims 1-22 is improper as claims 1-22 are cancelled.

AUS920000796US3

CONCLUSION

Applicants respectfully request that the Examiner call Applicants' attorney at the below listed number if the Examiner believes that such a discussion would be helpful in resolving any remaining issues.

Respectfully submitted,

WINSTEAD SECHREST & MINICK P.C.

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By: 

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